

Committee Declines to Verify Numerous Rumors About Junior Prom Girl

REFUSES TO TELL PRESENT PLANS IN REGARD TO DANCE

Announce Menu of Dinner to be
Served at Technology's
Leading Function

INNOVATIONS PROMISED

Numerous rumors have been in circulation about Technology during the last few days about the forthcoming Junior Prom. Not the least of these has been one to the effect that some popular and mysterious beauty will grace the Prom with her presence to add to the general pleasure and merriment.

Members of the Committee when questioned about this innovation for the Prom merely smile knowingly but decline to offer any definite information as to their plans. "Where there is smoke, there is fire" however and a "Prom Girl" may add to the popularity of Technology's Junior Prom if present rumors are any indication of the Committee's plans.

This year's ball promises to be one of the greatest ever. In Leo Reisman and his orchestra, often rated as "America's Most Artistic Dance Orchestra," the Committee has secured one of Technology's favorite orchestras. The Main Ballroom of the Hotel Statler serves as an ex-

(Continued on Page 4)

Institute Radio Station in Touch With Byrd's Ship

Direct Two Way Communication
Carried on With Polar
Supply Ship

Direct two way communication was carried on Saturday morning between the research radio station of the Institute and the Eleanor Bolling, the supply ship of the Byrd Antarctic Expedition. Short waves were used. The ship was 9000 miles away, being 1040 miles southeast of Dunedin, New Zealand, bound for that port after having taken on 80 tons of coal from the whaling steamer C. A. Larsen. All are well on board the ship. The Eleanor Bolling expects to reach Dunedin next Thursday and after taking on supplies for the expedition, will sail February 16 for the ice barrier. This will be the third voyage the boat has made to the Antarctic carrying supplies to Byrd and his party.

Members of the crew of the ship sent messages to relatives and friends, and the Station of the Institute at Round Hills transmitted many similar messages addressed to members of the expedition below the great ice barrier.

THE TECH Will Hold Smoker for New Men

THE TECH'S drive for new members for staff positions will come to a close at the mass meeting and smoker to be held in the North Hall of Walker Memorial on Wednesday at five o'clock. All men interested in newspaper work whether they have had any previous experience or not are urged to come out to the smoker.

In addition to the competition for men in the news, sports, features, and advertising departments, candidates are need for staff photographer. The competition for Features Editor, which is open to all Sophomores, is well under way but more men are needed.

Attention, Seniors!

Your class rings will be on display tomorrow and Wednesday in the Main Lobby from 9 o'clock until 5. A deposit of \$5.00 is required and the total cost of the rings will be \$10 or \$11, according to the style selected. Delivery will probably be made towards the end of March.

Engineer Boxers Defeat Syracuse Team in Fast Meet by Score of 4-3

UNLIMITED CLASS BOUT FORFEITED-- LOSE 160 AND 175

Cardinal and Gray Too Strong
in Lightweight Classes—
Bolanos Wins

JAMIESON GETS KNOCKOUT

Countering from the defeat by the Navy, the boxers defeated the Syracuse University team by the score of 4 to 3 last Saturday in the Archbold Gymnasium at Syracuse. The Cardinal and Gray team proved too strong in the lightweight classes, taking the first four bouts, and forfeiting the unlimited. Jamieson, the Engineer 145 pounder, defeated Weeks by a technical knockout 36 seconds before the end of the final round. Captain Bolanos also defeated his man in one of the fastest bouts of the meet by a three round decision.

Orleman, Technology, proved too fast for the Syracuse 115 pound middleman, Legge, but lacked the punch to score a knockout, and took the decision easily. In the second bout Lamoretti, the bobbing Engineer boxer, also scored a decision over Cunningham, the Syracuse, 125 pounder in a fast fray.

Captain Bolanos met Glassey, in the 135 pound class, and punched out a three round decision over his opponent. Captain Bolanos, who is the

(Continued on Page 4)

Salem Girls and M.I.T. Clubs Give Combined Concerts

Xylophone Solo Feature Act—
Glee Clubs Present
New Number

In combination with the Glee Club and the Instrumental Club of M.I.T., the girl students of Salem Normal School gave a concert last Friday night at Salem.

Leaving the Institute in three buses shortly after five o'clock, the Club members arrived at Salem just before six. They were then each assigned a partner for the dinner which the girls gave to the visiting men. The dinner was somewhat of a novelty, as the Clubs are seldom entertained in this way, but the members reported a very enjoyable time.

The concert began at 8 o'clock, immediately after the dinner. A xylophone solo by Gardner Harvey '32, accompanied at the piano by Thomas A. DeMarco '30, was the feature of the evening, receiving so much applause that the soloist was forced to play two encores and then refuse a third. The Salem Girls' Glee

(Continued on page 4.)

Corporation Plans to Hold Annual Tea Dance

Arrangements are now being completed for the annual Corporation Reception and Tea Dance that is usually held during Junior Week. It was not planned to have a dance this year due to the fact that Junior Week has been abandoned. Under the new plans however the dance will be held on Friday following the Junior Prom. This reception is given by the Corporation to the members of the Junior Class and their friends.

Professor Charles M. Spofford '93, head of the Civil and Sanitary Engineering Department, is in charge of arranging the affair, which will be the tenth annual Corporation Dance. Details will be announced in a later issue of THE TECH.

Technology's Undefeated Basketball Team



Front Row—Nelson, Lawson, Allen, Brockleman, Motter, McDowell, McCarthy.
Back Row—Yates, Dickenson, Coffey, Bates, Harrison, & Hanley.

TECHNIQUE SIGNUP DRIVE CONTINUES

Many Freshmen Have Not Turned
in Pi Delta Epsilon
Subscriptions

Technique has decided to continue its campaign for additional signups until Wednesday because some of the seniors have not yet signed up. At present 920 subscriptions have been secured and the year book expects to get over a hundred more.

Before the opening of the school last fall a great many freshmen bought the combined Pi Delta Epsilon offer including all the publications at the Institution. This subscription entitles its holders to a signup to the Technique along with THE TECH, Voo Doo, and Tech Engineering News. Only 97 freshmen have gotten their signups from this offer and the rest must do it immediately.

After Wednesday the cost of the 1929 Technique will be a dollar extra and those who are waiting until the last minute must secure their signup before that day. Technique this year will include all the undergraduate activities.

A vigorous subscription campaign has been carried on in the freshman class. Workers who have canvassed the first year drawing rooms during the last week in order to sell subscriptions have found the response extremely satisfactory.

Tech Show 1929 Rehearsals Show Great Progress

Ghost Dance Will Be Outstanding
Chorus Number—Two New
Skits Are Added

Intensive rehearsals of the cast of "A Tech Riot" have been carried on during the past week in the West Lounge of Walker Memorial. These rehearsals will be continued until the presentation of the Show at the Statler preceding the Junior Prom on February 21. There will be more rehearsals of the cast between this performance and the performances at John Hancock Hall on the evenings of March 1 and 2.

Remarkable strides have been made in the progress of the chorus, especially in that of the men's chorus which has mastered many of the difficult steps created by Dancing Coach Langdon Matthews. The outstanding dances at the present time are the "Digga Digga Doo" and the "Chloe" numbers. The latter piece will furnish the accompaniment to the Ghost Dance, a fantastic and imaginative conception of the Will-o'-the-wisps of the swamplands.

Under the tutelage of William C. Greene, the "rough spots" are being taken out of the acting in the various skits. Since the beginning of the term, two more skits have been added

(Continued on Page 4)

EXPERT EXPLAINS TELEVISION TODAY

Dr. J. O. Perrine, A. T. and T., to
Give Practical Demonstration
of New Development

Dr. J. O. Perrine of the American Telephone and Telegraph Company will present a practical demonstration of modern television in Room 10-250 at 4 o'clock this afternoon. The lecture will be repeated tonight at 8 o'clock in the same room. The afternoon lecture is open to students while the one in the evening is being held for engineers in the vicinity of Boston.

In his lecture, Dr. Perrine will demonstrate the most recent developments in television. He will use his own demonstration apparatus in addition to some that the Institute can provide, to show the physical aspects of this new engineering project. Dr. Perrine is noted as a speaker who can talk on a technical subject in non-technical language, a fact that should make the lecture more interesting to the average student.

Dr. Perrine is a graduate of Iowa University and received his doctor's degree from Cornell. He taught at Michigan University, Cornell, and Yale before becoming a member of the Development and Research Department of American Telephone and Telegraph Company, and has been intimately connected with the company's efforts to develop a practical method of television.

Capacity Crowds Hear Professor Chatfield Tell "Why Airplanes Fly" at Third Science Lecture

Models and Demonstrations Help
Explain Complexities
of Aeronautics

Professor Charles H. Chatfield, of the department of Aeronautical Engineering was the speaker at the third of the series of the Society of Arts Popular Science Lectures to be given this year. Capacity crowds filled Room 10-250 Friday, Saturday, and Sunday to hear the address "Why an Airplane Flies."

The lecture began with three slides showing the principal parts of the airplane. Professor Chatfield said that he would limit himself to discussing the propeller, the wings, and the control surfaces. By allowing a solid, a stream of solids, a liquid, and

finally a gas to strike a thin metal plate the lecturer demonstrated Newton's Laws of motion. To explain the phenomena of an airplane apparently standing still, a ball was held in a tube by a stream of air and while it was falling relative to the air it was standing still in relation to the earth. This is exactly what happens to an airplane when it meets a strong head-wind.

Wind Tunnel Demonstrated
When an airfoil, which is the technical term for a wing of an airplane when it is not attached to the fuselage, is moved through the air a lift and a drag are produced in accordance to Newton's Laws. This can be demonstrated very easily by having the airfoil remain stationary and blowing wind on it. This is the principle of the wind tunnel. Professor Chatfield

demonstrated the different force of the drag and lift on a model wing by having it connected with recording instruments and at the same time having a strong current of air blown on it from a blower. Perhaps the most brilliant experiment was the one in which the nature of an air-flow was demonstrated. Colored water representing air was passed over a section of a wing and the way in which the water was deflected producing the lift and drag was shown projected on the wall.

The Way of The Propeller

In an attempt to show that the propeller is really an airfoil the thrust of a model "prop" on a carriage running on a track was compared when the air was stationary and when it

(Continued on Page 4)

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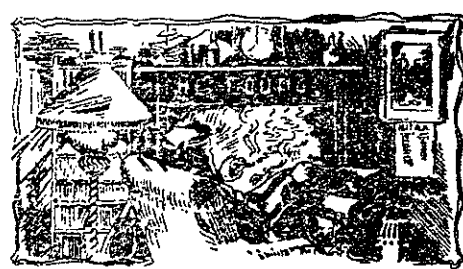
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The Lounge notes with much pleasure that his old friend P. T. McCarthy is having his troubles these days. It seems that P. T. was enjoying a well-earned vacation between terms when somebody came along and told him about the freshman who received an H in every study except a lone double-F in Physical Training. "Well," said Mac, "Blank-blank-blank!" And so another vacation was utterly ruined!

You wordlings who disdain the cultural advantages offered by the Society of Arts right here in this very Institute of ours had better come to life. The Lounge was slightly bewildered last Friday afternoon to observe certain of his dear classmates trying earnestly to crash the Pop Science lecture in 10-250. After they had been repulsed for the third time, The Lounge slipped up and queried the disgruntled ones. The answer was short and to the point. With a wave of the hand one of the group indicated a large contingent of rosy-cheeked, etc., etc. high school girls strolling self-consciously into Drisko's Sanitarium, and "buzz, buzz, they didn't come over here to learn about airplanes, you can take it from me!" After long and patient waiting, The Lounge and his gang managed to get a seat in the aisle.

The Lounge was lounging about the other evening, discussing this, that, and the other, and somehow or other, the conversation got around to beer. All and sundry remarked upon the prevalent scarcity of beer, and the apparent lack of taste among Technology's undergraduates, for this good old masculine drink. Just the next evening, The Lounge and a friend were haggling with a certain entrepreneur over the price of "a couple of whites," and when The Lounge casually asked for a quotation on a case of beer, the business man's rosy face wreathed itself in smiles, his attitude changed to cordiality, and he remarked, "Why didn't you gents tell me you were from Harvard? I sell a lot of it out there, in five or six case lots. You know So-and-So and So-and-So (evidently well-known men about The Squauh)—they all drink my stuff—nothing but beer." Tech men drink beer?—well, The Lounge hopes not, after such a disclosure. And The Lounge will swear he wasn't wearing a red tie that evening.

The Lounge noticed the other day that Lobbie's jolly rubicund face is in mourning, with a doleful black patch over one eye. Wonder if one of this term's requested graduations can be laid to the fact that some irate undergraduate pulled a "Hudson" on the acting dean? (Or don't you know that famous story?)

WITH THE AMERICAN COLLEGE EDITORS

Aristotle said, "An education deserves to be accounted liberal only insofar as it culminates in the idea of leisure." He said further that all other aims and disciplines should be subordinated to this "effort" which is the true felicity.

President Eliot, late of Harvard University, did not believe in this paradoxical expression of the aim of education. He believed with Aristotle that the end of a liberal education was happiness, but he differed in that he thought that this could best be found in effort directed toward "service."

If we accept Aristotle's theory the question is whether a liberal education as we know it really does fit one for a rich enjoyment of his idle time. Irving Babbitt says that the psychology of many college graduates in their moments of release from merely vocational activity is indistinguishable from that of the tired business man. He attributes this to the fact that there is too much specialization in colleges and not enough general education.—Syracuse Daily Orange.

Self-conscious collegiatism has reached the stage where it must be ignored rather than studied. At its best, it implies a uniform lack of originality. At its worst, it means the subservience of the individual to mass taste. The situation is analogous to the stampede of a herd of rattle-brained cattle. The difficulty arises in that the taste is questionable, if not distinctly bad. This in turn results from a self-conscious disregard of any authoritative standard. The collegiate person cares little for the opinion or feelings of others. In the last analysis collegiatism is the re-

As We See the Movies

METROPOLITAN

While in Hollywood recently, Will H. Hays, the high potentate of moviedom handed down to his underlings an ultimatum which insisted on more and bigger "screen epics." Robert E. Sherwood, who conducts a movie column in the Boston "Herald" stated yesterday that he believed this advice was bad, and with him we heartily agree.

Advertised as "An Epic of the South Pole," the Met offering this week is "Conquest." If this is the epic that Mr. Hays wants his producers to bring forth, we sincerely hope that they do not take his suggestions. Getting off to a rather slow start, the picture picks up a little when the flight pictures begin (only we wish that there had been a lot more.) At no time however does the picture reach the heights which might label it as a truly great production.

With all the interest in Commander Byrd's South Pole expedition, "Conquest" is timely. The plot is a steal from "Enoch Arden" and includes situations requiring the depiction of strong emotion. In this respect "Conquest" falls far short.

The picture is another of Warner Brothers 100% All-Talking productions. It is evidently hard to keep up an interesting patter among the cast, but some of the sound effects are not bad. One of the interesting points about the feature is that the plane used was the giant tri-motored Albatross, the largest ship in the country.

The musical stage show "Carnival Cocktail" is excellent. Novel lighting effects produce a background of Coney Island, and the offerings of the performers are unanimously well done. Clever tumbling and gymnastics, some delightful singing and humorous "slap-stick" received a hearty applause. Of the Met Synopsators, Ted Claire makes a pleasingly melodious ensemble.

Away from the Grind

Elections to Pi Delta Epsilon, the National Collegiate Honorary Journalism Society, are announced as follows: Carl Connable '30, Homer L. Davis, Jr., '30, Charles T. Dwight '30, Charles F. Edlund '30, Lester H. Fox '29, Howard S. Gardner '30, D. Tullis Houston '30, Wilfred F. Howard '30, Charles C. Ladd '30, Morell Marean '30, George J. Meyers, Jr., '29, Robert W. Reynolds '30, Otis A. Sibley '30, Gregory Smith '30, Parker H. Starratt '30, George F. Temple '30, Louis Verveer Jr., '30, George F. Wyman '30.

That Interfraternity Dance

This last interfraternity at the Somerset will without doubt go down in the memory of nearly everyone that attended as the poorest of that series that has ever been given. First of all, the music, which was supposed to start at 9 o'clock, finally got under way at 10:15, much to the ire of about 75 or 100 couples whose irate patrolling of the halls of the hotel was an amusing sight to the onlooker. However, such a slip could easily have been overlooked had the affair ever really got "under-way"—but it didn't. Something was lacking. The music, although good, seemed dead, and the crowd, which was none too large, was worse. When the Tunesters finally rendered their traditional four songs, the same they have sung for the past two years, the act was a complete flop.

Perhaps two additional ideas might help future "Interfraternities." In the first place the shifting of the orchestra to one corner was decidedly a failure, although it provided more room for the dancers. It would have made a much better effect had it been in its old place opposite the ballroom entrance. Further, these Thursday night dances are not what might be supposed. The fraternity men in general would be glad to see the end of them.

Lambda Chi Alpha

The Lambda Chi Alpha house was the scene of a small formal dinner before the Interfraternities Dance last Thursday evening. About ten couples were present, and the dinner was followed by bridge and dancing. Afterwards a fleet of taxis was impressed into service and the party adjourned en masse to the dance. A few stags joined them here and did their humble bit towards making the party jolly—?

Some of the older members had a more serious mission to perform or wedding and subsequent rites of :

sult of a lack of maturity and intelligence, and it is because of this that it is a reflection upon any student body.—Harvard Crimson.

The Open Forum

To the Editor of THE TECH:

The Junior Prom Committee is to be congratulated on securing the services of Leo Reisman and his orchestra of 20 players. No better orchestra from the point of view of those interested in the music they play, could have been found.

There are dance orchestras and dance orchestras. Too often what one hears is ten, or fewer, amateurish players blaring away in a doggedly monotonous rhythm, beating out the measure for the dancers with no subtlety, no life, no imagination, no variety of color of tone. But not so with Reisman, as those who have heard his organization at the Brunswick, or last season in concert at Symphony Hall, will gladly testify.

By adding strings to the band he secures variety and subtlety of tonal color, producing effects that have won the outspoken admiration of such distinguished musicians as Professor A. T. Davison, organist and choirmaster at Harvard, and the celebrated French composer Ravel, who visited Boston last season and talked, it is said, more about the Reisman Orchestra than about the Boston Symphony, though he conducted the latter organization in a program of his own music.

For Reisman's orchestra another celebrated composer, Charles Martin Loeffler, wrote a piece "Clowns" which is one of the best bits of high-brow jazz since Gershwin's "Rhapsody in Blue" set a fashion.

The skill of the individual players is notable. Reisman himself is a fine musician and a leader with personality. No Tech Prom in the recent past has had such music as this year's should prove.

Penfield Roberts

brother, Dunbar L. Shanklin, '23, who was wedded to Miss Doris Garrett of Chelsea.

Phi Kappa Sigma

Coming as the culmination of "Hell Week," the freshmen at the Phi Kappa house found the initiation banquet on Saturday night a very welcome contrast to their treatment earlier in the week. The rest of the men in the chapter enjoyed the event as usual, and the alumni re-established many Thursday night. They attended the old contacts with their fellow graduates and the active chapter.

Brother "Bill" Adams was the genial toastmaster of the occasion. Speakers at the dinner included Prof. J. Warren Barker '16, and Wm. H. Coburn '11, Lieutenant S. G. Frierson, head of the Aeronautical Corps of the R. O. T. C. at M. I. T. and Rev. Albert C. Dieffenbach, of Brookline, past grand president of the fraternity.

Sigma Nu

Twelve couples were present for dinner at 259 St. Paul Street on Thursday, the evening of the Interfraternity Dance. Starting at 7:30 o'clock, the dinner, and the bridge that followed made the early part of the evening enjoyably lively.

Formal initiation of the pledges will take place this Saturday with the "activities" extending throughout this week, more or less continuously after their commencement last night at midnight.

A bill has been presented to the Texas legislature by Senator W. E. Thomason, calling for the abolition of fraternities at the University of Texas.

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JACKSONVILLE

PARADED about the country like a cheap freak from the vaudeville stage, exhibited from band stands or as the guest of honor at dinners of notables, Captain George Fried, master of the "America," is being taken on a tour of the country. This modest, hardy New England sailor, whose timely aid to the ill-fated "Florida" recently won him world-wide fame, is being exploited in a manner which would seem to take all the dignity from his heroic action.

One cannot deny that his action was heroic and wholly unselfish. The storms which his ship battled to effect this rescue were such as to turn any but the strongest heart. He did something worthy of unstinted praise, his action was worthy of the highest recognition. But why commercialize it, why cheapen it with side show tactics?

Flag pole sitters "make" the front page on the nation's newspapers; marathon dancers come in for their share of glaring publicity. And now a respected sea captain is taken from the bridge of his ship and sent around the country to accept the plaudits of the clamoring mobs. It is inevitable that his glory will be tarnished, for the public is merely anxious to look at the contemporary hero. To arrange this tour and have Captain Fried talk at various places throughout the country is undoubtedly very good advertising for the United States Merchant Marine, but it makes of the captain a curiosity rather than a man who in performance of his duty, has done a great service and saved a large number of lives.

As Captain Fried pointed out, he did his duty and lived up to the ancient code of honor of the sea. That he was successful in his daring venture was greatly to his credit. But why should he not be allowed to continue in his honored profession instead of becoming a feted celebrity. His modest character hardly fits with the noise and hullabaloo in his "honor."

We of the younger generation will soon be called upon to inherit our places in a publicity-mad society. Inevitably we will need cool judgment in giving our praise to men of national prominence. We must temper our feelings with deep gratitude, instead of the superficial, even hypocritical mob action. Honor indeed where honor belongs, sincere praise for the worthy, but not garish mob acclamation, which reduces real fame to notoriety.

WHAT PRICE EDUCATION?

FACTORIES turning out great quantities of merchandise, shoes, automobiles, cravats, and candy bars have all felt and heeded the demand for quantity production. Great machines have been built which will stamp and drill parts for another machine to put together. The result is a horde of assembled units, one like every other and each to fill the same need in the world. Since the beginning of the Industrial Revolution the idea has steadily advanced and it is interesting to think upon where this mass production is leading us and how far-reaching may be its effect.

This pronounced trend toward mass production, mass thinking, mass ideals is leading toward human standardization. There are many aspects to it, many are good, some are bad. One of the proudest American institutions is the widespread and general education. It is questionable, however, if it should be a matter of so much pride. From the first day that a child enters school until he receives his degree from college, he is constantly directed to the beaten path. If he can forget his likes and dislikes, can sink his personal preferences and assume what the majority thinks, can work equally hard at all subjects, then he will be a successful kindergartner, he will be a successful schoolboy, he will be a successful college student. And as the culmination of this training there is produced a robot. Satisfied, and satisfying to be sure, but still a robot.

It may be a dangerous thing, this telling men when to think, how to think, and what to think. It could serve as a great leveller, pressing down and bolstering up individual minds until each is a replica of the other. Certainly it is not the purpose of true education so to groove a man's mind that he cannot face any problem with a fresh, original viewpoint that may have come into the world with him, and only with him. But can there be education without this?

CAGEMEN MEET YALE TOMORROW

Crew Starts Season With Cheerful Prospects

Coach Haines Calls For More Men---Sees Constant Progress in Sports Here

With the opening of the new term crew activities took a decided revival, beginning with a call for all men who have rowed before or have any desire to partake of that excellent form of recreation. During the course of the week new men came out daily, so that at present nearly everyone at the Institute who has had any crew experience has reported for practice.

Since the close of fall practice a large number of the regular crew men have been working out three times a week on the machines. The freshmen have been out regularly in full force, under the added stimulation of dreaded P. T. make-ups. Since last Tuesday the men have been practicing daily, and will continue to do so until the ice breaks up in the river. Each day sees three Varsity crews working out together on the rowing machines, limbering up their bodies and perfecting that rhythm that is so necessary for good rowing. Five Varsity men are back this year from last year's boat, and are all eligible. Captain Tittman will lead the first crew this year and will have Zurwelle,

Holt, and Dolben as the veterans who will pull oars with him under the directions of Karas, the 1928 coxswain.

J. V.'s Have Seven Veterans

The Jayvees have seven men back this year, Stanley D. Wells, Neal Wells, Abbott, Landen, Byrne, Bennett, Jackson, and Booth, coxswain. Together with the other candidates who did not see action last season they have the material for a smooth boat this year. From the 1928 150-pound crew eight men have returned, which indicates that they should repeat the successful work of last year. These men are Captain Gibbons, MacKusick, Carr, Harris, Weaver, Straat, Burley, and Walker. The freshman boat, which was also a smooth organization last year, is back intact, with McLeod, Evans, Otis, Hall, Richardson, Birdsall, Morris, Bennett, and Cox Whitaker. These men are all good and will make a strong bid for places in the first-string boats.

The Class of '32 now have enough men working out to allow six crews to practice daily, including the first freshman combination that defeated the Sophomore Field Day Crew.

Training Starts March 1

Practice will continue in this way until about March 1, when intensive training rules will go into effect. A training table will be set at Walker according to the usual custom, and men on the first crews will be required to attend. By that time it is hoped that the river will be ready for the barge if not for shells.

Since the beginning of the season (Continued on Page 4)

SWIMMERS DEFEAT RENSSELAER TECH

Engineers Break Three Records in Meet at R. P. I. Pool

Once again Technology's Varsity swimmers showed their worth when they defeated Rensselaer Polytechnic Institute by the decisive score of 43 to 28. The meet was held in the Class of '87 pool at Troy last Saturday night, and was featured by the setting of four new tank records. Three of these new marks were hung up by M.I.T. tankmen, while the fourth was made by a Rensselaer man.

Captain Luey Stars

Although each team won four events, the M.I.T. swimmers were able to gain twelve places, four firsts, five second places, and three thirds. Luey, Captain of the Technology team, was the star of the meet, coming first in the one hundred and fifty yard backstroke and second in the fifty yard dash, besides being a member of the winning M. I. T. relay team. Jarosh of M.I.T. also succeeded in getting a first and third by winning the four hundred and forty yard swim and coming in third in the backstroke event. Torchio was the other swimmer to bring in a victory for M.I.T. when he won the fifty yard dash.

Freshmen Lose to Boys' Club

Swimming against the Boston Boys' Club in the Club pool, the frosh swimmers showed up rather poorly. Gordon Levinson of the Institute team was the only M.I.T. man who won a real place when he came second in the 100 yard backstroke. Rinehimer of Technology tied for second in the 40 yard dash. Abbott, Holst, and Fyfe were the only other freshmen to gain places, each coming in third in an event.

Summary of the Varsity meet:

Three hundred-yard medley race—Won by Rensselaer Tech (White, Schmitzer, Hughes); second, Massachusetts Institute of Technology (McMein, Appleton, Baker). Time 3m. 49.6s.
Fifty-yard dash—Won by Torchio (MIT); second, Luey (MIT); third, Yale (R). Time—25.4s.
Four hundred and forty yard—Won by Jarosh (MIT); second, McKay (MIT); third, Griffith (R). Time—5m. 59.8s.
Diving—Won by Beehler (R); second, Lykes (MIT); third, Conlon (R).
One hundred and fifty-yard backstroke—Won by Luey (MIT); second, White (R); third, Jarosh (MIT). Time—1m. 51.4s.
One hundred-yard free style—Won by Yapple (R); second, Lutz (MIT); third, Appleton (MIT). Time—1m. 00.7s.
Two hundred-yard breaststroke—Won by Schmitzer (R); second, Birnbaum (MIT); third, Appleton (MIT). Time—2m. 46.6s.
Two hundred-yard relay—Won by M.I.T. (McKay, Baker, Luey, Torchio); second, Rensselaer (Toth, White, Hughes, Yapple). Time—1m. 46.4s.

RELAY TEAM LOSES RACE TO COLGATE

Engineers Lead Until Final Lap and Lose Millrose Race by One Yard

At the Millrose games, held in New York Saturday night, the Tech relay team lost a very close race to Colgate University. In a spectacular finish, Ladd lost out to Roll of Colgate in the last five yards of the event. A bare yard separated the men at the finish line, while New York University's anchor man was a poor third.

In other collegiate one mile relays of the evening Yale finished in front of Washington and Lee and Columbia. Harvard nosed out Maryland and Pennsylvania. In a two mile relay Princeton broke the tape ahead of Yale.

Roll Wins for Colgate

Bob Reynolds, Captain Jack Hallahan, Dick Berry, and Fred Ladd ran for Tech in the order named. At the end of the third quarter-mile the team had a 10-yard lead but Roll of Colgate was too fast for Ladd. In the last five yards he pushed out in front and crossed the line a scant yard in the lead. Veit of N. Y. U. finished fifteen yards in back of Ladd. N. Y. U. was never out of third place and the race developed into a dual event between Tech and Colgate.

Cardinal and Gray Five Is Prepared for a Hard Game With Strong Elis

Playing their first game this term, Technology's fighting basketball team will encounter Yale University's quintet tomorrow night down at New Haven. For the past week the team has been having some strenuous workouts and have got back into their old form again. Brig Allen, who injured his finger during examination week, is back in the line-up and the injury does not seem to affect his playing.

On Saturday the regulars had a long scrimmage session with the second team. Brig Allen and Bob Nelson were in charge of the forward positions while Captain Brockleman was at center. George Lawson worked at left guard while Dave Motter and McDowell alternated at right guard. The scrimmage was fast, with both teams doing a good deal of scoring. Coach McCarthy placed considerable emphasis on teamwork and better passing.

Basket Shooting Improves

Both the regulars and the second team seem to have improved considerably in their basket shooting, although they are still missing a number of shots that should be put through the basket. Brig Allen, as

usual, was sinking shots from a variety of positions.

Yale has a strong quintet this year although they have lost three games. Fordham handed them their worst defeat when they defeated the Eli team 46 to 23 down at New York. However, this was early in the season and the Yale team has improved considerably since that time. In their other two defeats they lost by only one point, falling before Georgetown 13 to 12 and Dartmouth 35 to 34. (Continued on Page 4)

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WRESTLING TEAM LOSES HARD MEET BY CLOSE SCORE

Grapplers Show Improvement and Give the Strong Harvard Team a Scare

Pulling away from a one point lead at the beginning of the last match, the Crimson matmen defeated the Cardinal and Gray last Saturday night in the Hangar. Harvard started by piling up a large lead, and when Stone, the M.I.T. 165 pounder, went in against Davis the score was 14 to 3 in favor of Harvard. By winning the 165 and the 175 pound matches, Technology brought the score up to a one-point margin, but was unable to take the last match, and the meet ended with the score Harvard 19, Technology 13. Arthur G. Mather of the Boston Herald acted as referee.

Chibas, Engineer 115 pounder, started the meet against Chase, but was unable to cope with the aggressiveness of his Harvard opponent, and after 7 minutes and 45 seconds of wrestling, Harvard took the match by a fall. The match started fast, the Crimson man being the aggressor, but after the two minute period the men were sent to the mat. Chibas got the first advantage, but soon lost it, and after having secured a large time advantage, the Crimson man was able to turn Chibas over with a half-nelson for a fall.

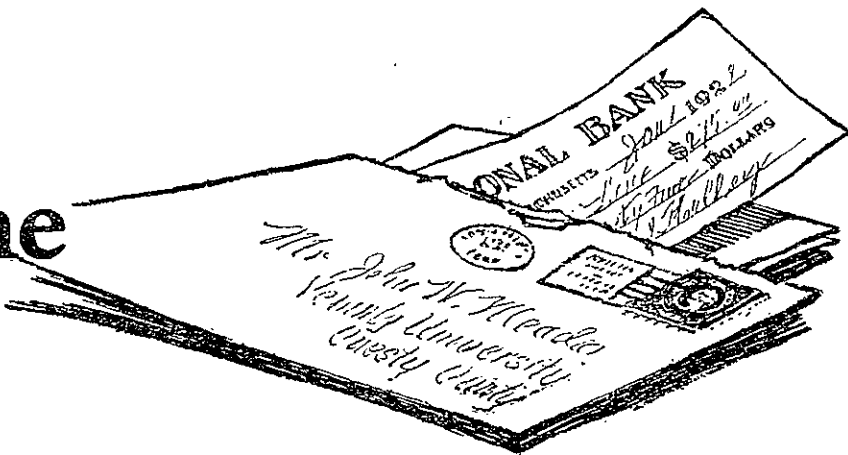
Perkins Loses Decision

Although Technology lost the 125-pound match to Harvard, Perkins held his man from a fall for more than five minutes, and Burns of Harvard had to be satisfied with the large time advantage. In spite of the fact that Perkins lost his stamina he was one of the high lights of the match. Cooper met Levine of Harvard in the 135-pound class, and again Harvard was able to win by time advantage. The match started slowly and the men were forced to the mat after two minutes, Cooper taking the first advantage. After a quick break, the match was again neutral, and Harvard, countering, was able to get the advantage, but as the period came to a close Cooper broke again. In the second period, Cooper made a wonderful break, but Levine was able to take the advantage again which he kept for the remainder of the match. He won by a time advantage of 3 minutes and 22 seconds.

DerMarderosian Wins

In the most cautious mach of the evening, Captain DerMarderosian met Captain Lifrak, Harvard's 145 pounder, and Technology was able to score for the first time. The match was very slow, with occasional spurts of fast wrestling. DerMarderosian got the first advantage, but Lifrak was about the acme of strength, and by sheer force he was able to break away. On the flip after the two minute period, DerMarderosian made a wonderful break, and Lifrak got little time advantage, but an overtime was necessary, and DerMarderosian won on the referee's decision.

No More Checks From Home



IN the not so distant future, a time is coming when the check from home will be only a fond memory. You probably look forward to those days with mingled feelings. You welcome the idea of being on your own, knowing that money earned is doubly satisfactory for it represents accomplishment.

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Notices and Announcements

SPECIAL

MONDAY, FEBRUARY 11, 4 P.M.—ROOM 10-250
"Television"

Dr. J. O. Perrine
American Telephone & Telegraph Co.
Lecture is open to all students and staff

MONDAY, FEBRUARY 11, 3 P.M.—ROOM 10-275
"Rotating Hysteresis in Direct-Current Armatures"

TUESDAY, FEBRUARY 12, 3 P.M.—ROOM 10-275
"Tolerances in Electrical Machines and Associated Equipment"

WEDNESDAY, FEBRUARY 13, 3 P.M.—ROOM 10-275
"The Action of Inertia in the Acceleration of Electrical Machines and in Their Parallel Operation"
Professor Reinhold Rudenberg
Chief Electrical Engineer of the Siemens-Schuckert Works in Berlin

CALENDAR

Monday, February 11
5:00—Fencers' Club Executive Meeting, A. A. Office, Walker Memorial.
Tuesday, February 12
5:00—Tech Show Orchestra Rehearsal, East Lounge, Walker Memorial.
6:00—A. I. E. E. Dinner Meeting, North Hall, Walker Memorial.
6:00—Class of '08 Dinner Meeting, Faculty Dining Room, Walker Memorial.
6:00—Curriculum Committee Meeting, Grill Room, Walker Memorial.
Wednesday, February 13
6:30—Scabbard and Blade Dinner, Grill Room, Walker Memorial.
7:00—Math Seminar, Faculty Dining Room, Walker Memorial.
Thursday, February 14
5:00—Tech Show Orchestra Rehearsal, East Lounge, Walker Memorial.
6:00—Walker Club Meeting, Grill Room, Walker Memorial.
Friday, February 15
6:00—M.I.T. Italian Club Smoher, North Hall, Walker Memorial.

NOTICES

TECH SHOW PICTURES
Members of the cast and chorus,
or any others who would like pictures

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Gentlemen:

About five years ago, after trying out many different styles of pipes from the Missouri meerschaum to the genuine meerschaum, including the upside-down style made popular by Vice-President Dawes, and experimenting with just about all the tobaccos then on the market except Edgeworth, I finally decided that pipe-smoking was not for me.

For the last year or so I noticed the boys around the office here using Edgeworth to the exclusion of all other tobaccos and evidently getting real pleasure from their pipes.

In April of this year I was in Canada on a business trip and decided to take another whirl at pipe-smoking. So I invested a good share of my savings in a pipe and a few cents additional for a can of Edgeworth.

From then on I have been figuratively kicking myself around the block about once each day when I think of the five lean years I put in trying to get along without a pipe. However, I am trying to make up for lost time and am succeeding quite well. Why I failed to try Edgeworth long ago will have to go down in history as an unsolved question. But now that I have found it, the years ahead look rosy to me.

Very truly yours,
Ben Bayer

Edgeworth
Extra High Grade
Smoking Tobacco

of scenes from this year's Show may obtain them by placing an order with the Tech Show office any afternoon this week. The pictures may be seen in the office any afternoon.

BOXING TEAM
The boxing meet with Boston University, which appeared on the M. I. T. A. A. schedule for Saturday, February 16, has been cancelled.

TECHNIQUE PICTURES
Managers of teams, and Presidents of fraternities, clubs, and societies are asked to call at the Technique Office to secure proofs of group pictures for the purpose of taking orders for these pictures.

FENCERS' CLUB
There will be a meeting of the Executive Committee of the Fencers' Club in the A. A. Office, Walker Memorial, on Monday, February 11 at 5 o'clock.

TECH SHOW ORCHESTRA
There will be rehearsals of the Tech Show Orchestra in the East Lounge, Walker Memorial, on Tuesday and Thursday, February 12 and 14 at 5 o'clock.

SCHOLARSHIPS
The attention of students who anticipate continuing graduate work next year in Europe is called to the notice posted in the Information Office regarding the date on which applications for scholarships for study in various foreign universities and technical schools should be filed with the Institute of International Education, 2 West 45 Street, New York City. Further information regarding these scholarships may be obtained by consulting the Dean of Graduate Students, Room 4-112.

T. C. A. CABINET
The first meeting this term of the T. C. A. Cabinet will be held in the T. C. A. Office Tuesday at 5 o'clock.

STENOGRAPHERS TO PLAY IN TECH SHOW

(Continued from Page 1)

to the show and are now under rehearsal. The first of these is a pantomime on "Boston Common" and the second is a burlesque of a murder trial—the victim being a noted character about the Institute. The latter will include several Walker stenographers in its cast and is being directed in rehearsals by the author, Hunter Rouse '29.

Last week letters were mailed to the alumni in Boston announcing the Show on March 1 and 2, and this week the student announcements will be sent out. Students are advised to send their applications by mail or to obtain their tickets at the Tech Show office, since no tickets will be sold at John Hancock Hall. The prices of the tickets this year will be \$1.50 and \$1.00.

Crew Has Hopes For Good Season

Five Varsity Veterans Report To Coach Haines For Spring Crew Practice

(Continued from Page 3)

last year many improvements have been made at the Boat House, increasing the facilities for handling larger numbers of men. Two new shells have been purchased, and a third one received from an anonymous donor. Additions have been made, allowing room for extra lockers and showers. Coach Bill Haines, in a recent letter to THE TECH, expressed the greatest optimism concerning the prospects for the coming season. With new equipment and a large percentage of veteran material, he hopes to better the records of past seasons. The competition for the different crews will be greater than ever before, due to the larger number of men who are active in the sport this year. He sees many things that point to an upward trend in crew, as well as in other sports at the Institute, and hails that fact with greatest satisfaction.

More Men Are Welcome

He laments very greatly, however, the fact that there are many able-bodied men here at the Institute who fail to see the necessity of physical exercise to a well-balanced life. It is these men whom he wishes particularly to reach, and he earnestly desires that every one of them might be persuaded to come out for the crew. It is the number of men involved, not the quality, that is the real criterion for the success of any sport, says the crew mentor. As an answer to the objection that time is spent with wasteful extravagance, he points out the fact that the number of crew men who have come out daily for the last few years has been large, while the percentage of failures among them has been remarkably low.

ENGINEERS DEFEAT SYRACUSE IN MEET

Cardinal and Gray Is Too Strong For Opposing Ringmen

(Continued from Page 1)

cleverest boxer on the Technology team, had an easy time, and proved too fast for the Syracuse boxer. Jamieson, 145 pounds, defeated his opponent in the most exciting bout of the afternoon, and on a hard right to the jaw sent his man down just 36 seconds before the end of the match.

In the remaining bouts Technology suffered defeat, both men being outweighed, Frank met defeat after a close bout with Thiel, in the 160 pound class. Frank, who was unable to enter for Technology at the Navy meet, showed the lack of experience, but has possibilities which should make him invincible by the end of the season. Horton, Engineer 175 pounder, met Graboske, and lost after three rounds of hard fighting. He worried the Syracuse man by his bobbing, weaving style, but was unable to overcome the large weight advantage his opponent had over him. The unlimited bout was forfeited to Syracuse, as Scheuren was unable to enter due to a sprained thumb sustained in practice recently.

CLUBS ENTERTAINED BY GIRLS AT SALEM

(Continued from Page 1)

Club, presenting a charming appearance in their white dresses, executed their rather difficult numbers very effectively under the direction of Mr. C. Francis Woods. A new number, "Promis' Lan'" by Burleigh, was rendered by the M.I.T. Glee Club and was very well received by the audience.

The evening concluded with dancing until 11 o'clock, music being furnished by the Technicians. Approximately 100 couples attended.

RUMORS ABOUT PROM GIRL ARE CURRENT

(Continued from Page 1)

cellent setting for the outstanding social event of the year.

In addition, a dinner which should please the most critical palates has been provided. The menu is a follows:

Fruit Cocktail
Olives Celery
Capon and Fresh Mushroom Patty
Saratoga Potatoes
Combination Salad with French Dressing
Fancy Ice Cream
Macaroons Lady Fingers
Demi Tasse

The meat courses of the dinner will be served before 12 o'clock in order not to interfere with those who are unable to eat meat on Friday.

BASKETEERS WILL INVADE NEW HAVEN WITH SNAPPY TEAM

Allen is Back in Line-up—Team is Improving in Passing and Shooting

FRESHMEN TO MEET B.U.

(Continued from Page 3)

Several weeks before the last Dartmouth game the Eli five handed the Big Green team a 25 to 24 setback at New Haven.

Second Game Away From Home

Tomorrow's game is to be the second one that the Engineers play away from their home floor. This will give Yale a little advantage but the Cardinal and Gray five hopes to overcome this without very much difficulty. While Yale has only lost one game on their home floor the Beavers hope to hand the Eli five another defeat.

Yale's probable starting line-up will consist of Nassau and Fodder at right and left forward respectively, Linehan at center, and Nanry and Cook at right and left guard. These men have played these positions in practically all Yale's games this season and it is very probable that Yale will start this five in tomorrow's contest.

Yale Has Good Record

Among the teams that Yale has defeated are Princeton, Dartmouth, Holy Cross, St. Lawrence, and Brown. All of these with the exception of the Princeton and Dartmouth contests have been easy victories for the Eli quintets. They defeated Princeton by a 29 to 25 score.

While the Varsity have been preparing for Yale, the freshmen have

Public Attends Science Lecture

Models and Demonstrations Help Illustrate Principle Of Airplane

(Continued from Page 1)

was moving. The fact that the motor of a plane speeds up when it is flying proves that this fact is true.

The principle that really made flying possible was the last demonstration of the lecture. First a balanced wing model was held in the wind stream. It was unstable. Then a model stabilizer was placed in the wind tunnel and it was stable in any position it was placed. Finally the combination of the two was proved to be stable. The stabilizer is stable because it has a flat section as compared to the curved section of an airfoil. Finally a complete model airplane was placed in the wind stream and the effect of moving the controls shown.

After the lecture many of the audience went to the Daniel Guggenheim Aeronautical Laboratory where the large wind tunnel was in operation. The planes in the museum were also visited.

been getting ready for the Boston University Business School game which comes on Wednesday. The yearlings have been working hard and hope to come out of Wednesday's contest with their first victory of the season.

Very little is known about the strength of the Terrier Business Men's five, but they are reputed to have a strong team. However, the yearlings will have the advantage of playing on their own floor and expect to trim the B. U. aggregation.

Don't Forget

The Big Mass Meeting at 5:00 p.m.
on Wednesday in the Faculty
Dining Room.

Don't Forget

This Gives You an Opportunity
to be in the Oldest Activity at
Tech.

Don't Forget

THE TECH Invites You to
Come Around and Talk Things
Over.

DON'T FORGET TO BE THERE